

## Mission Bay Landfill Monitoring Well Network Summary of Data from Site Assessment

Consultant	Well Designation	Casing Diameter (inches)	Top of screened interval (feet below grade)	Total depth (feet)	Pump Intake Depth (ft TOC)	Approx. Halocline Depth (ft TOC)	DTW (ft TOC)	Tidal Survey	Date of installation	Well status	Comments on well	Number of Sampling Events
LANDFILL												
WWC	10	2	25.00	35.00	32.00	not observed to 30'	20.15	datalogger	9/26/1983	In sampling program	Stickup	51
N & M	MBW-1	4	6.00	26.00	23.00	gradual 20-24	17.48	datalogger	10/28/1993	In sampling program		44
N & M	MBW-2	4	6.00	26.00	23.00	gradual 19-25	15.40	datalogger	10/29/1993	In sampling program		43
N & M	MBW-3	4	5.00	25.00	22.00	20-23	16.85	datalogger	11/3/1993	In sampling program		41
N & M	MBW-5	4	15.00	35.00	32.00	29-30	24.59	datalogger	10/1/1993	In sampling program		41
City of SD	MBW-7		3.50	18.50	15.50	gradual 8-12	4.60	manual	1993	In sampling program	Replaced Well 1 in 1993, Well 1 was overdrilled and reinstalled as MBW-7	38
N & M	MBE-4	4	5.00	25.00	22.00	15-20	11.58	datalogger	12/2/1996	In sampling program	Replacement installed 10 feet east of previous MBW-4	33
N & M	MBE-6	4	5.00	25.00	22.00	20.00	14.18	datalogger	12/2/1996	In sampling program	Replacement installed 10 feet west of previous MBW-6	28
scs	SCS1	4	10.00	35.00	29.50	26-29	18.72	datalogger	9/13/2004	Sampled by SCS	Stickup	1
scs	SCS2	4	12.00	36.00	33.50	gradual 30-33	25.20	datalogger	9/14/2004	Sampled by SCS	Stickup	1
SCS	SCS3	4	13.00	31.00	25.75	20-23	16.35	datalogger	9/13/2004	Sampled by SCS	Stickup	1
SCS	SCS4	4	10.00	31.00	26.50	24-27	20.06	datalogger	9/14/2004	Sampled by SCS	Stickup	1

Notes

WWC Woodward Clyde Ninyo and Moore N & M City of SD City of San Diego
TOC - Top of Casing
DTW - Depth to water at time of stratification survey

ft TOC - feet below TOC

18.83 Low Tide DTW (ft) Notes H2O Quality Meter make/ model: Horiba U22XD 18.82 15.00 36.50 SCS1 Tide High Low High Low Low Low Low Low High Tide DTW (ft) Screen Length (ft) Monitoring Well Stratification Log T.D.S. 44.19 44.19 44.26 45.25 45.67 45.88 45.95 45.88 45.88 45.95 45.98 45.88 45.88 43.91 44.12 44.12 44.19 44.19 44.19 44.19 44.33 45.88 45.88 45.88 45.88 DTB (ft) Well # Temperature 21.0 21.2 21.1 21.1 21.1 4.57 0.92 0.75 0.69 0.64 0.60 3.74 3.42 3.91 3.77 99.0 0.63 0.58 D.O. 4.67 3.64 0.80 1.01 Client City of San Diego Date 10/11/2004 Project Number 01203520.00 Conductivity (S/m) 5.08 5.08 5.20 5.04 9.75 9.76 9.75 9.75 9.75 Sampler KE & JL Location MBLF 6.59 6.60 6.85 6.84 6.84 6.85 6.84 6.84 6.84 6.56 6.59 6.60 6.62 6.75 6.82 6.84 6.84 6.84 6.83 6.83 6.58 6.75 6.84 6.84 6.57 H 6.81 Time 1015 1035 1043 1047 1050 1052 1054 1056 1100 1100 1512 1519 1525 1527 1529 1539 1542 1546 1548 1554 1023 1027 1031 1517 1535 1552 1007 1011 1521 1531 Depth below T.O.C.

19.40

(feet)

23.40 24.40 25.40

22.40

26.40 27.40

30.40

28.40

31.40 32.40 33.40

34.40 35.40 36.40

19.43

21.43 22.43 23.43

24.43 25.43 26.43

27.43

29.43 30.43 32.43

33.43 35.43

36.43

Notes:

70.00 00.09 50.00 Conductivity (10 g/L) 40.00 30.00 -+-TDS @ High Tide (10 g/L) -TDS @ Low Tide (10 g/L) 20.00 40.00 20.00 15.00 25.00 30.00 35.00 Depth (Feet below TOC)

SCS1 TDS vs. Depth

				Monitori	Monitoring Well Stratification Log	itification	Log			
		Sampler	Sampler KE & JL			Well #	SCS2			
		Date	Date 10/12/2004			High Tide DTW (ft)	TW (ft)	25.21	Low Tide DTW (ft)	25.18
	Projec	t Number	Project Number 01203520.00			DTB (ft)	38.52			
		Client	Client City of San Diego	oge		Screen Length (ft)	gth (ft)	15.00		
		Location MBLF	MBLF			H20 Qualit	H2O Quality Meter make/ model: Horiba U22XD	/ model: Ho	riba U22XD	
Depth below T.O.C.	Time	Hd	Conductivity	D.O.	Temperature	T.D.S.	Tide			Notes
(feet)			(S/m)	(mg/L)	(၁့)	(10 g/L)				
25.71	921	6.77	5.85	2.39	20.2	38.92	High			
26.71	924	6.73	5.88	1.29	20.3	39.14	High			
27.71	926	89.9	5.94	1.23	20.3	39.56	High			
28.71	929	89.9	5.96	2.74	20.3	39.70	High			
29.71	934	89.9	5.97	2.93	20.3	39.77	High			
30.71	936	9.65	6.12	2.89	20.3	40.82	High			
31.71	938	6.64	6.33	2.75	20.3	42.30	High			
32.71	941	6.64	62.9	2.5	20.3	45.53	High			
33.71	943	89.9	6.92	2.39	20.4	46.44	High			
34.71	945	69.9	6.94	2.22	20.4	46.58	High			
35.71	947	69.9	6.94	2.17	20.4	46.58	High			
36.71	949	69.9	6.95	2.13	20.4	46.65	High			
37.71	951	69.9	6.95	2.11	20.4	46.65	High			
38.71	953	69.9	6.95	2.09	20.4	46.65	High			
25.68	1408	92.9	5.95	2.30	21.0	39.63	Low			
26.68	1411	89.9	5.97	0.95	20.6	39.77	Low			
27.68	1413	6.65	5.98	0.43	20.3	39.84	Low			
28.68	1415	6.63	5.99	1.08	20.3	39.91	Low			
29.68	1419	99.9	00.9	1.21	20.3	39.98	Low			
30.68	1421	29.9	60.9	1.32	20.3	40.61	Low			
31.68	1423	99.9	6.29	1.37	20.3	42.01	I.ow			
32.68	1425	6.65	99.9	1.36	20.3	44.61	Low			
33.68	1427	89.9	98.9	1.31	20.4	46.02	Low			
Notes:										

70.00 60.00 50.00 TDS (10 g/L) 40.00 30.00 — TDS @ High Tide (10 g/L)
— TDS @ Low Tide (10 g/L) 20.00 35.00 10.00 Depth (Feet below TOC)

23

27

27

29

29

29 15.00 17.00 19.00 21.00 29.00 31.00 33.00

SCS2 TDS vs. Depth

		Date 1	10/12/2004			High Tide DTW (ft)	W (ft)	16.58 Low Tide DTW (ft)	(ft) 16.53
	Projec	t Number	Project Number 01203520.00			DTB (ft)	32.74		
		Client	Client City of San Diego	об		Screen Length (ft)	th (ft)	15.00	
		Location MBLF	MBLF			H2O Quality	Meter make/ r	H2O Quality Meter make/ model: Horiba U22XD	
Depth below T.O.C.	Time	핌	Conductivity	D.O.	Temperature	T.D.S.	Tide		Notes
(feet)			(S/m)	(mg/L)	(c)	(10 g/L)			
17.08	1126	69.9	2.12	2.30	23.0	12.73	High		
18.08	1128	6,71	2.14	1.10	23.6	12.87	High		
19.08	1130	6.72	2.19	1.85	23.8	13.22	High		
20.08	1132	6.73	2.27	2.15	23.8	13.78	High		
21.08	1134	6.74	2.43	2.25	23.8	14.91	High		
22.08	1136	6.81	3.70	1.77	23.8	23.83	High		
23.08	1138	6.91	4.25	1.09	23.7	27.69	High		
24.08	1141	6.95	4.67	0.55	23.7	30.64	High		
25.08	1144	6.93	5.00	0.36	23.7	32.96	High		
26.08	1146	88.9	5.38	0.26	23.7	35.62	High		
27.08	1148	68.9	5.76	0.20	23.6	38.29	High		
28.08	1150	98.9	6.12	0.16	23.6	40.82	High		
29.08	1152	98.9	6.13	0.13	23.6	40.89	High		
30.08	1154	98.9	6.12	0.12	23.5	40.82	High		
31.08	1156	98.9	6.12	0.10	23.5	40.82	High		
32.08	1158	98.9	6.12	0.10	23.5	40.82	High		
33.08	1200	98.9	6.12	80.0	23.5	40.82	High		
17.03	1551	09'9	2.15	0.91	23.6	12.94	Low		
18.03	1553	6.53	2.17	0.53	23.8	13.08	Low		
19.03	1555	6.52	2.23	0.80	23.9	13.50	Low		
20.03	1557	6.52	2.33	1.41	23.8	14.20	Low		
21.03	1559	6.54	2.76	1.65	23.8	17.22	Low		
22.03	1601	6.62	3.66	1.44	23.8	23.54	Low		
23.03	1603	6.71	4.24	1.02	23.7	27.62	Low		
24.03	1605	6.84	4.70	0.62	23.7	30.85	Low		
25.03	1607	06.9	5.12	0.37	23.7	. 33.80	Low		
26.03	1609	06'9	5.44	0.15	23.7	36.05	Low		
27.03	1613	98.9	5.95	0.10	23.6	39.63	Low		
MILETON									

70.00 00.09 50.00 40.00 TDS (10 g/L) 30.00 20.00 10.00 15.00 20.00 25.00 30.00 35.00 Depth (Feet below TOC)

SCS3 TDS vs. Depth

Sampler KE & JL  Date 10/11/2004  Project Number 01203520.00  Client City of San D			Monnoring Well Stratilication Log	mication	Log	
Date Project Number	Sampler KE & JL			Well #	SCS4	
Project Number	Date 10/11/2004			High Tide DTW (ft)	TW (ft)	19.98 Low Tide DTW (ft) 20.79
Client	r 01203520.00			DTB (ft)	33.50	
	Client City of San Diego	obe		Screen Length (ft)	gth (ft)	15.00
Location	Location MBLF			H20 Quality	y Meter make/	H2O Quality Meter make/ model: Horiba U22XD
F			Carte	0 E	F	N N
(feet)	COI Iductivity	. (mod)	(°C)	(10.0/1)	PDI	COLON I
20.50 856 6.45	4.83	0.58	20.9	31.76	High	
829	4.85	0.62	20.9	31.90	High	
	4.88	2.19	20.9	32.11	High	
23.50 907 6.61	4.95	2.45	20.9	32.60	High	
24.50 911 6.63	5.13	2.34	20.9	33.87	High	
25.50 915 6.63	5.34	2.06	21.0	35.34	High	
26.50 919 6.64	5.38	1.96	21.0	35.62	High	
27.50 923 6.64	5.39	1.92	21.0	35.69	High	
	5.41	1.90	21.1	35.83	High	
29.50 931 6.63	5.41	1.89	21.1	35.83	High	
30.50 935 6.64	5.42	1.86	21.1	35.90	High	
	5.42	1.86	21.2	35.90	High	
943	5.42	1.81	21.2	35.90	High	
_	5.42	1.80	21.2	35.90	High	
21.3   1430   6.46	4.88	2.68	21.3	32.11	Low	
22.3 1434 6.47	4.87	2.26	21.1	32.04	Low	
1437	4.88	2.67	20.9	32.11	Low	
24.3   1440   6.54	4.92	2.57	20.9	32.39	Low	
25.3   1442   6.55	4.95	2.52	20.9	32.60	Low	
1445	5.14	2.25	21.0	33.94	Low	
27.3 1447 6.62	5.36	1.96	21.1	35.48	Low	
28.3 1449 6.62	5.40	1.82	21.1	35.76	Low	
29.3   1451   6.62	5.40	1.77	21.1	35.76	Low	
30.3 1453 6.63	5.49	1.63	21.1	36.40	Low	
Notes:						
						78

70.00 60.00 50.00 40.00 TDS (10 g/L) 30.00 → TDS @ High Tide (10 g/L)
— TDS @ Low Tide (10 g/L) 20.00 40.00 25.00 15.00 20.00 30.00 35.00 Depth (Feet below TOC)

SCS4 TDS vs. Depth

		17.71 Low Tide DTW (ft) 17.67	Q	20.00	H2O Quality Meter make/ model: Horiba U22XD	e Notes		ų	ų	ų	ų	ų	ų	ų	The state of the s	8	A	<i>A</i>	A	A	<i>A</i>	V	<i>A</i>		
n Log	MBW1	DTW (#)	26.00	ngth (ft)	ty Meter m	Tide		High	Low	Low	Low	Low	Low	Low	Low	Low									
atification	Well # MB	High Tide	DTB (ft)	Screen Length (ft)	H20 Quali	T.D.S.	(10 g/L)	32.81	34.29	36.05	37.31	37.66	37.94	38.50	40.82	34.22	35.13	36.54	37.87	38.57	38.71	38.99	39.21		
Monitoring Well Stratification Log						Temperature	(၁့)	22.8	22.7	22.3	21.9	21.7	21.5	21.3	21.2	23.0	22.8	22.3	22.0	21.7	21.5	21.3	21.3		
Monitori				Diego		D.O.	(mg/L)	1.20	0.44	0.99	2.96	3.53	3.73	3.41	3.24	0.65	0.39	0.30	0.64	1.10	1.67	1.97	2.09		
	Sampler KE & JL	Date 10/12/2004	Project Number 01203520.00	Client City of San Die	MBLF	Conductivity	(S/m)	4.98	5.19	5.44	5.62	5.67	5.71	5.79	6.12	5.18	5.31	5.51	5.70	5.80	5.82	5.86	5.89		
	Sampler	Date	ct Number	Client	Location MBLF	Hd		6.74	6.70	6.71	6.73	6.74	6.75	92.9	6.74	82.9	6.73	6.71	6.71	6.74	92.9	6.77	6.77		
			Projet			Time		831	833	835	838	840	843	845	847	1337	1339	1341	1343	1345	1348	1350	1352		
						Depth below T.O.C.	(feet)	18.21	19.21	20.21	21.21	22.21	23.21	24.21	25.21	18.30	19.30	20.30	21.30	22.30	23.30	24.30	25.30	Notes:	

70.00 60.00 50.00 40.00 TDS (10 g/L) 30.00 20.00 10.00 40.00 15.00 20.00 25.00 30.00 35.00 Depth (Feet below TOC)

MBW1 TDS vs. Depth

Project Number O1203520.00   Dr18 (ft)   Dr10 (ft)   Dr2 (ft)   Dr10 (ft)					Monitor	ing Well Stre	tification	50	
Project Number   Organization   Project Number   Organization   Organization			Samula	KE & =		5 15 A 6 11	Well #	C/MGM	
Project Number Olzo3520.00         OTB (ft)         26.00           Client City of San Diego         Screen Length (ft)         20.00           Location MBLF         H2D Quality Meter maker model: Horiba U22XD           Project Number Olivery of San Diego         Screen Length (ft)         20.00           Procession MBLF         H2D Quality Meter maker model: Horiba U22XD         Modes           Procession MBLF         H2D Quality Meter maker model: Horiba U22XD         Modes           Procession MBLF         H2D Quality Meter maker model: Horiba U22XD         Modes           R52         L52         L52         L52         L54         L54 <th></th> <th></th> <th>Date</th> <th>18</th> <th></th> <th></th> <th>High Tide D</th> <th>TW (ft)</th> <th>Low Tide DTW (ft)</th>			Date	18			High Tide D	TW (ft)	Low Tide DTW (ft)
Client City of San Diego   Screen Length (ft)   20.00		Project	t Number	01203520.00			DTB (ft)	26.00	
Harring   Harring   Harring   Harring   Harring   Harring   Horiba U22XD			Client	t City of San Die	obe		Screen Len	gth (ft)	20.00
(feet)         Time         pH         Conductivity         D.O.         Temperature         T.D.S.         Tide           11:52         (Sm)         (mg/L)         (°C)         (10 g/L)         Tide           11:52         11:56         6.73         4.53         3.99         23.2         29.65         High           18:52         11:58         6.70         4.65         2.10         23.0         36.50         High           19:52         1200         6.70         4.79         2.51         22.8         31.48         High           20:52         1200         6.72         5.08         3.78         22.4         33.67         High           21:52         1208         6.71         5.20         3.66         22.3         33.67         High           23:52         1208         6.71         5.37         3.56         22.2         35.55         High           23:52         1210         6.71         5.51         3.49         22.2         35.55         High           23:52         1210         6.71         5.51         3.49         22.2         35.55         High           25:52         16.7         5.51         3.38 <th></th> <th></th> <th>Location</th> <th>MBLF</th> <th></th> <th></th> <th>H2O Quality</th> <th>Meter make</th> <th>model: Horiba U22XD</th>			Location	MBLF			H2O Quality	Meter make	model: Horiba U22XD
(feet)         (S/m)         (mg/L)         (°C)         (10g/L)           17.52         1156         6.73         4.53         3.99         23.2         29.65         High           18.52         1158         6.70         4.65         2.10         23.0         30.50         High           19.52         120         6.70         4.79         2.51         22.8         31.48         High           20.52         120         6.72         4.96         3.52         22.6         32.67         High           21.52         1205         6.72         4.96         3.52         22.6         32.67         High           22.52         1208         6.71         5.20         3.66         22.3         34.36         High           22.52         1210         6.71         5.37         3.66         22.3         34.36         High           24.52         1210         6.71         5.51         3.49         22.2         35.55         High           24.52         121         6.71         5.51         3.49         22.2         35.55         High           24.52         122         3.23         4.02         22.3         37.31<	Depth below T.O.C.	Time	됩	Conductivity	D:0	Temperature	T.D.S.	Tide	Notes
17.52         11.56         6.73         4.53         3.99         23.2         29.65           18.52         1158         6.70         4.65         2.10         23.0         30.50           19.52         1200         6.70         4.79         2.51         22.8         31.48           20.52         1202         6.72         4.96         3.52         22.6         32.67           21.52         1202         6.72         5.08         3.78         22.4         33.67           21.52         1208         6.71         5.20         3.66         22.3         34.36           22.52         1210         6.71         5.51         3.49         22.2         35.55           24.52         1212         6.71         5.51         3.49         22.2         35.54           25.52         1214         6.70         5.62         3.38         22.1         37.31           17.5         1635         6.73         4.65         4.02         22.8         30.50           18.5         1639         6.71         4.89         2.57         22.9         30.99           19.5         1641         6.72         5.03         2.91	(feet)				(mg/L)	(၁ <sub>၀</sub> )	(10 g/L)		
18.52         1158         6.70         4.65         2.10         23.0         30.50           19.52         1200         6.70         4.79         2.51         22.8         31.48           20.52         1200         6.72         4.96         3.52         22.6         32.67           21.52         1202         6.72         5.08         3.78         22.4         33.52           22.52         1208         6.71         5.20         3.66         22.3         34.36           22.52         1210         6.71         5.37         3.56         22.2         34.36           23.52         1212         6.71         5.37         3.66         22.3         34.36           24.52         1212         6.71         5.51         3.49         22.2         36.54           25.52         1214         6.70         5.62         3.38         22.1         37.31           17.5         1635         6.73         4.65         4.02         22.8         30.50           18.5         1639         6.71         4.89         2.57         22.9         30.99           20.5         1643         6.72         5.03         2.91	17.52	1156	6.73	4.53	3.99	23.2	29.65	High	
19.52         1200         6.70         4.79         2.51         22.8         31.48           20.52         1202         6.72         4.96         3.52         22.6         32.67           21.52         1202         6.72         5.08         3.78         22.4         33.52           22.52         1208         6.71         5.20         3.66         22.3         34.36           23.52         1210         6.71         5.20         3.66         22.3         34.36           23.52         1210         6.71         5.37         3.56         22.2         35.55           24.52         1212         6.71         5.51         3.49         22.2         36.54           25.52         1214         6.70         5.62         3.38         22.1         36.54           25.52         1635         6.73         4.65         4.02         22.8         30.50           18.5         1637         6.72         4.72         2.36         22.9         30.99           19.5         1641         6.72         5.03         2.91         22.4         33.87           22.5         1643         6.71         5.44         3.10	18.52	1158	6.70	4.65	2.10	23.0	30.50	High	
20.52     1202     6.72     4.96     3.52     22.6     32.67       21.52     1205     6.72     5.08     3.78     22.4     33.52       22.52     1208     6.71     5.20     3.66     22.3     34.36       23.52     1210     6.71     5.37     3.56     22.2     35.55       24.52     1210     6.71     5.51     3.49     22.2     36.54       25.52     1214     6.70     5.62     3.38     22.1     37.31       25.52     1635     6.73     4.65     4.02     22.8     30.50       18.5     1637     6.72     4.72     2.36     22.9     30.99       19.5     1643     6.72     5.03     2.57     22.7     32.18       20.5     1644     6.72     5.03     2.91     22.6     33.17       21.5     1645     6.71     5.30     2.91     22.4     33.87       22.5     1647     6.71     5.44     3.10     22.2     36.96       23.5     1649     6.71     5.54     3.01     22.2     36.96       24.5     1649     6.71     5.57     2.94     22.1     38.01       25.5     1651 <t< td=""><td>19.52</td><td>1200</td><td>6.70</td><td>4.79</td><td>2.51</td><td>22.8</td><td>31.48</td><td>High</td><td></td></t<>	19.52	1200	6.70	4.79	2.51	22.8	31.48	High	
21.52       1205       6.72       5.08       3.78       22.4       33.52         22.52       1208       6.71       5.20       3.66       22.3       34.36         23.52       1210       6.71       5.37       3.56       22.2       35.55         24.52       1212       6.71       5.51       3.49       22.2       35.54         25.52       1214       6.70       5.62       3.38       22.1       37.31         17.5       1635       6.73       4.65       4.02       22.2       36.54         17.5       1635       6.73       4.65       4.02       22.1       37.31         18.5       1639       6.71       4.72       2.36       22.9       30.99         19.5       1641       6.72       5.03       2.91       22.6       33.17         20.5       1643       6.72       5.13       3.20       22.3       36.05         22.5       1645       6.71       5.30       3.20       22.3       36.05         24.5       1649       6.71       5.57       3.01       22.2       36.96         25.5       1645       6.71       5.57       3.01	20.52	1202	6.72	4.96	3.52	22.6	32.67	High	
22.52       1208       6.71       5.20       3.66       22.3       34.36         23.52       1210       6.71       5.37       3.56       22.2       35.55         24.52       1212       6.71       5.51       3.49       22.2       35.54         25.52       1214       6.70       5.62       3.38       22.1       37.31         17.5       1635       6.73       4.65       4.02       22.8       30.50         18.5       1637       6.72       4.72       2.36       22.9       30.99         19.5       1641       6.72       5.03       2.91       22.7       32.18         20.5       1643       6.72       5.13       3.24       22.4       33.17         21.5       1645       6.71       5.30       3.20       22.3       36.05         23.5       1649       6.71       5.57       3.01       22.2       36.05         24.5       1651       6.70       5.72       2.94       22.1       38.01	21.52	1205	6.72	5.08	3.78	22.4	33.52	High	
23.52       1210       6.71       5.37       3.56       22.2       35.55         24.52       1212       6.71       5.51       3.49       22.2       36.54         25.52       1214       6.70       5.62       3.38       22.1       37.31         17.5       1635       6.73       4.65       4.02       22.8       30.50         18.5       1637       6.72       4.72       2.36       22.9       30.99         19.5       1639       6.71       4.89       2.57       22.7       32.18         20.5       1641       6.72       5.03       2.91       22.6       33.17         21.5       1643       6.72       5.13       3.24       22.4       33.87         22.5       1647       6.71       5.30       3.20       22.3       36.05         23.5       1649       6.71       5.57       3.01       22.2       36.05         24.5       1651       6.70       5.72       2.94       22.1       38.01	22.52	1208	6.71	5.20	3.66	22.3	34.36	High	
24.52       1212       6.71       5.51       3.49       22.2       36.54         25.52       1214       6.70       5.62       3.38       22.1       37.31         17.5       1635       6.73       4.65       4.02       22.8       30.50         18.5       1637       6.72       4.72       2.36       22.9       30.99         19.5       1639       6.71       4.89       2.57       22.7       32.18         20.5       1641       6.72       5.03       2.91       22.6       33.17         21.5       1643       6.72       5.13       3.24       22.4       33.87         22.5       1647       6.71       5.30       3.20       22.3       35.06         23.5       1649       6.71       5.57       3.01       22.2       36.96         24.5       1651       6.70       5.72       2.94       22.1       38.01	23.52	1210	6.71	5.37	3.56	22.2	35.55	High	
25.52     1214     6.70     5.62     3.38     22.1     37.31       17.5     1635     6.73     4.65     4.02     22.8     30.50       18.5     1637     6.72     4.72     2.36     22.9     30.99       19.5     1639     6.71     4.89     2.57     22.7     32.18       20.5     1641     6.72     5.13     2.91     22.6     33.17       21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1651     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	24.52	1212	6.71	5.51	3.49	22.2	36.54	High	
17.5     1635     6.72     4.65     4.02     22.8     30.50       18.5     1637     6.72     4.72     2.36     22.9     30.99       19.5     1639     6.71     4.89     2.57     22.7     32.18       20.5     1641     6.72     5.03     2.91     22.6     33.17       21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1651     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	25.52	1214	6.70	5.62	3.38	22.1	37.31	High	
18.5     1637     6.72     4.72     2.36     22.9     30.99       19.5     1639     6.71     4.89     2.57     22.7     32.18       20.5     1641     6.72     5.03     2.91     22.6     33.17       21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.57     3.01     22.2     36.05       24.5     1651     6.70     5.72     2.94     22.1     38.01	17.5	1635	6.73	4.65	4.02	22.8	30.50	Low	
19.5     1639     6.71     4.89     2.57     22.7     32.18       20.5     1641     6.72     5.03     2.91     22.6     33.17       21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	18.5	1637	6.72	4.72	2.36	22.9	30.99	Low	
20.5     1641     6.72     5.03     2.91     22.6     33.17       21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	19.5	1639	6.71	4.89	2.57	22.7	32.18	Low	
21.5     1643     6.72     5.13     3.24     22.4     33.87       22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	20.5	1641	6.72	5.03	2.91	22.6	33.17	Low	
22.5     1645     6.71     5.30     3.20     22.3     35.06       23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	21.5	1643	6.72	5.13	3.24	22.4	33.87	Low	
23.5     1647     6.71     5.44     3.10     22.2     36.05       24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	22.5	1645	6.71	5.30	3.20	22.3	35.06	Low	
24.5     1649     6.71     5.57     3.01     22.2     36.96       25.5     1651     6.70     5.72     2.94     22.1     38.01	23.5	1647	6.71	5.44	3.10	22.2	36.05	Low	
25.5 1651 6.70 5.72 2.94 22.1 38.01	24.5	1649	6.71	5.57	3.01	22.2	36.96	Low	
Notes:	25.5	1651	6.70	5.72	2.94	22.1	38.01	Low	
	Notes:								

70.00 60.00 50.00 40.00 TDS (10 g/L) 30.00 20.00 40.00 10.00 15.00 20.00 30.00 25.00 35.00 Depth (Feet below TOC)

MBW2 TDS vs. Depth

				Monitori	Monitoring Well Stratification Log	atification	-og		
		Sampler	Sampler KE & JL			Well #	MBW3		
		Date	Date 10/11/2004			High Tide DT	W (ft)	17.20 Low Tide DTW (ft)	18.39
	Projec	t Number	Project Number 01203520.00			DTB (ft) 25.0	25.00		
		Client	Client City of San Die	Diego		Screen Length (ft)	th (ft)	20.00	
		Location MBLF	MBLF			H20 Quality	Meter make/	H2O Quality Meter make/ model: Horiba U22XD	
Depth below T.O.C.	Time	Hd	Conductivity	D.O.	Temperature	T.D.S.	Tide	Notes	9S
(feet)			(S/m)	(mg/L)	(°C)	(10 g/L)			
17.70	1123	6.63	4.78	4.08	25.0	31.41	High		
18.70	1126	9.65	5.13	2.08	24.8	33.87	High		
19.70	1128	99.9	5.23	2.80	24.6	34.57	High		
20.70	1130	6.63	5.53	3.45	24.3	36.68	High		
21.70	1132	6.55	92.9	3.43	24.1	45.32	High	(Colors)	
22.70	1134	6.50	8.09	2.90	23.9	54.66	High		
23.70	1136	6.50	8.22	2.75	23.8	55.57	High		
24.70	1138	6.50	8.28	2.64	23.7	55.99	High		
18.9	1611	6.65	4.81	3.69	24.5	31.62	Low		
19.9	1613	99.9	5.06	2.31	24.5	33.38	Low		
20.9	1615	99'9	5.33	2.51	24.3	35.27	Low		
21.9	1617	6.62	5.82	3.00	24.1	38.71	Low		
22.9	1619	6.51	7.57	2.60	23.9	51.00	Low		
23.9	1621	6.50	8.13	2.36	23.8	54.94	Low		
24.9	1623	6.51	8.18	2.25	23.7	55.29	Low		
Notes:									

70.00 60.00 50.00 40.00 TDS (10 g/L) 30.00 20.00 10.00 40.00 15.00 20.00 25.00 30.00 35.00 Depth (Feet below TOC)

MBW3 TDS vs. Depth

Sampler KE & JL         Molt # MBE4         MBE4 <t< th=""><th></th><th></th><th></th><th></th><th>Most</th><th>No No</th><th>のからいからい</th><th>200</th><th></th><th></th></t<>					Most	No No	のからいからい	200		
Notes  Notes  Cond. off scale				13		III Well Sil	aumeauon	Log		
Notes  Notes  Cond. off scale			Sampler	KE & JL			Well #	MBE4		1 3 2
Cond. off scond.			Date	10/11/2004			High Tide D	I W (#)	1	11.95
Cond. off scond.		Project	t Number	01203520.00			DTB (ft)	25.00	i	
Cond. off so Cond.			Client	t City of San Die	3go		Screen Leng	Ith (ft)	20.00	
Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss			Location	MBLF			H2O Quality	Meter make.	/ model: Horiba U22XD	
Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss Cond. off ss	- ⊪	Time	균	Conductivity		Tomporatura	O CI	Tido	Stoly	400
	-1	2	1	(S/m)	(mg/L)	(0°)	(10 g/L)	2		601
	12.41	1253	7.51	2.51	3.01	26.5	15.47	High		
	13.41	1256	7.44	2.74	2.01	26.4	17.08	High		
	14.41	1258	7.36	2.99	0.91	26.0	18.84	High		
	15.41	1300	7.14	3.78	0.81	25.6	24.39	High		
	16.41	1302	7.03	4.81	0.83	25.3	31.62	High		
	17.41	1304	6.91	6.17	98.0	24.9	41.17	High		
	18.41	1306	6.82	09.7	0.85	24.6	51.21	High		
	19.41	1308	92.9	9.18	0.82	24.4	62.31	High		
	20.41	1310	6.75	62.6	0.80	24.1	09.99	High		
	21.41	1313	6.74	66.6	0.80	23.9	SO	High	Cond. off scale	
	22.41	1316	6.72	66.6	0.79	23.7	SO	High	Cond. off scale	
	23.41	1318	6.72	66.6	92.0	23.6	SO	High	Cond. off scale	
	24.41	1320	6.75	66.6	0.73	23.5	SO	High	Cond. off scale	
	12.45	1705	7.48	2.62	3.42	26.0	16.24	Low		
	13.45	1707	7.43	2.83	2.90	26.2	17.72	Low		
	14.45	1709	7.23	3.53	1.73	25.7	22.63	Low		
	15.45	1711	7.07	4.44	1.54	25.4	29.02	Low		
	16.45	1713	6.95	5.70	1.38	25.0	37.87	Low		
	17.45	1715	98.9	7.23	1.12	24.7	48.62	Low		
	18.45	1717	6.78	8.88	98.0	24.4	60.20	Low		
	19.45	1719	92.9	9.74	0.72	24.2	66.24	Low		
	20.45	1721	6.75	66.6	0.61	23.9	SO	Low	Cond. off scale	
	21.45	1723	6.73	66.6	0.55	23.7	SO	Low	Cond. off scale	
	22.45	1725	6.74	66.6	0.50	23.5	SO	Low	Cond. off scale	
	23.45	1727	6.75	66.6	0.48	23.5	OS	Low	Cond. off scale	
Notes: OS = Off Scale, interpolated TDS quantity not available when conductivity value of water exceeds the meters sensitivity.	24.45	1729	92.9	66.6	0.47	23.5	23.5		Cond. off scale	450
	Notes: OS = Off Scale,	interpolate	3d TDS qu	uantity not avails	able when	conductivity va	lue of water e	exceeds the n	neters sensitivity.	

70.00 60.00 50.00 40.00 TDS (10 g/L) 30.00 20.00 10.00 40.00 Depth (Feet below TOC) 10.00 15.00 35.00 30.00

MBE4 TDS vs. Depth

Monitoring Well & Natification Log   Project Number O12026820 00   Project Number O12026920					100					
Project Number   Classification   Project Number   Classification   Clas					Monitori	ng Well Stra	atification	Log		
Project Number O1/202004   High Tide DTW (ft)   35.00			Sampler	KE & JL		>	Well #	MBW5		
Client City of San Diego   Screen Length (ft)   35.00			Date	10/12/2004		I	ligh Tide D'	TW (ft)	- 1	24.60
Client City of San Diego   Screen Length (††)   20.00		Projec	t Number	01203520.00		ם	TB (ft)	35.00		
Location MBLF   H2O Quality Meter make/ model: Horiba U22XD   Holow T.O.C. Time   pH   Conductivity   D.O. Temperature   T.D.S. Tide   High   Conductivity   C.O.   (g/L)   High   High   C.O.C.   High   C.O.C.   C.O.C.			Client	City of San Die	obe	S	Screen Leng	ıth (ft)	20.00	
Control Cont			Location	MBLF			120 Quality	Meter make/	model: Horiba U22XD	
(feet)         Time         pH         Conductivity         D.O.         Temperature         T.D.S.         Tide           25.51         1049         7.22         4.47         2.51         2.23         30.71         High           26.51         1053         7.01         4.89         1.14         22.3         30.71         High           27.51         1053         7.01         4.89         1.30         22.3         33.78         High           28.51         1053         6.99         5.08         0.55         22.3         33.78         High           28.51         1057         6.99         5.08         0.55         22.3         35.47         High           28.51         1057         6.99         5.08         0.55         22.3         35.47         High           28.51         1102         7.01         5.56         1.17         22.3         36.89         High           38.51         1104         7.01         5.56         1.17         22.3         37.03         Low           38.51         1104         7.02         5.89         1.23         37.03         Low           25.50         1510         5.56										
(feet)         (S/m)         (mg/L)         (°C)         (g/L)           25.51         1049         7.22         4.47         2.51         22.2         29.23           26.51         1051         7.08         4.68         1.14         22.3         30.71           26.51         1051         7.08         4.68         1.14         22.3         30.71           27.51         1053         7.01         4.89         1.30         22.3         30.71           28.51         1055         6.99         5.08         0.55         22.3         33.78           29.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1059         7.01         5.50         1.01         22.3         36.89           31.51         1104         7.01         5.53         1.14         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         36.89           33.51         1108         7.03         5.60         1.23         22.3         37.03	Depth below T.O.C.	Time	핌	Conductivity	D.O.	Temperature	T.D.S.	Tide		Notes
25.51         1049         7.22         4.47         2.51         22.2         29.23           26.51         1051         7.08         4.68         1.14         22.3         30.71           26.51         1051         7.08         4.68         1.14         22.3         30.71           27.51         1053         7.01         4.89         1.30         22.3         33.18           28.51         1055         6.99         5.08         0.55         22.3         33.18           29.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1059         7.00         5.50         1.01         22.3         35.48           30.51         1102         7.01         5.53         1.14         22.3         36.89           33.51         1104         7.01         5.56         1.17         22.3         36.89           33.51         1104         7.01         5.56         1.21         22.3         37.03           34.51         1108         7.02         5.58         1.23         22.3         37.03           25.50         1510         7.00         4.71         0.51	(feet)			(S/m)	(mg/L)	(၁့)	(g/L)			
26.51         1051         7.08         4.68         1.14         22.3         30.71           27.51         1053         7.01         4.89         1.30         22.3         32.18           28.51         1055         6.99         5.08         0.55         22.3         35.48           29.51         1057         6.99         5.36         0.65         22.3         35.48           29.51         1059         7.00         5.50         1.01         22.3         35.47           30.51         1059         7.01         5.53         1.14         22.3         36.89           31.51         1102         7.01         5.56         1.17         22.3         36.89           32.51         1104         7.01         5.56         1.17         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         37.03           25.50         1510         7.07         4.62         1.94         22.1         30.29           26.50         1514         6.93         4.90         0.15         22.3         37.03           28.50         1516         6.94         5.51         0.01	25.51	1049	7.22	4.47	2.51	22.2	29.23	High		
27.51         1053         7.01         4.89         1.30         22.3         32.18           28.51         1055         6.99         5.08         0.55         22.3         35.22           29.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1059         7.00         5.50         1.01         22.3         36.47           31.51         1102         7.01         5.53         1.14         22.3         36.89           32.51         1104         7.01         5.56         1.17         22.3         36.89           32.51         1104         7.02         5.58         1.21         22.3         36.89           33.51         1108         7.02         5.58         1.21         22.3         37.03           34.51         1108         7.07         4.62         1.94         22.1         30.29           25.50         1510         7.07         4.62         1.94         22.1         30.25           26.50         1514         6.93         4.90         0.15         22.3         37.3           28.50         1518         6.94         5.43         0.05	26.51	1051	7.08	4.68	1.14	22.3	30.71	High		
28.51         1055         6.99         5.08         0.55         22.3         33.52           29.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1059         7.00         5.50         1.01         22.3         36.47           31.51         1102         7.01         5.53         1.14         22.3         36.89           32.51         1104         7.01         5.56         1.17         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         36.89           34.51         1108         7.03         5.60         1.23         22.3         37.03           25.50         1510         7.07         4.62         1.94         22.1         30.29           26.50         1512         7.07         4.71         0.51         22.3         37.03           26.50         1516         6.91         5.11         0.15         22.3         33.73           28.50         1516         6.91         5.43         0.05         22.3         36.84           31.50         1526         1526         0.03         22.3	27.51	1053	7.01	4.89	1.30	22.3	32.18	High		
29.51         1057         6.99         5.36         0.65         22.3         35.48           30.51         1059         7.00         5.50         1.01         22.3         36.47           31.51         1102         7.01         5.53         1.14         22.3         36.89           32.51         1104         7.01         5.56         1.17         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         37.03           25.50         1510         7.07         4.62         1.94         22.1         30.29           26.50         1512         7.00         4.71         0.51         22.3         37.3           26.50         1514         6.93         4.90         0.15         22.3         30.92           27.50         1516         6.91         5.11         0.15         22.3         33.73           28.50         1526         5.43         0.05         22.3         35.97           31.50         1524         7.00         5.53         0.03         22.3	28.51	1055	66.9	5.08	0.55	22.3	33.52	High		
30.51         1059         7.00         5.50         1.01         22.3         36.47           31.51         1102         7.01         5.53         1.14         22.3         36.89           32.51         1104         7.01         5.56         1.17         22.3         36.89           33.51         1106         7.02         5.58         1.21         22.3         36.89           34.51         1106         7.02         5.58         1.21         22.3         37.03           34.51         1108         7.03         5.60         1.23         22.3         37.03           25.50         1510         7.07         4.62         1.94         22.1         30.29           26.50         1514         6.93         4.90         0.15         22.3         37.3           27.50         1514         6.91         5.11         0.12         22.3         35.97           29.50         1516         6.91         5.11         0.05         22.3         35.97           29.50         1520         6.94         5.51         0.01         22.3         36.82           31.50         1524         7.00         5.58         0.03	29.51	1057	66.9	5.36	0.65	22.3	35.48	High		
31.51       1102       7.01       5.53       1.14       22.3       36.68         32.51       1104       7.01       5.56       1.17       22.3       36.89         33.51       1106       7.02       5.58       1.21       22.3       37.03         34.51       1108       7.03       5.60       1.23       22.3       37.17         25.50       1510       7.07       4.62       1.94       22.1       30.29         26.50       1512       7.00       4.71       0.51       22.3       37.17         26.50       1514       6.93       4.90       0.15       22.3       30.92         28.50       1516       6.91       5.11       0.15       22.3       33.73         29.50       1518       6.92       5.43       0.05       22.3       35.97         30.50       1520       6.94       5.51       0.01       22.3       36.54         31.50       1524       7.00       5.58       0.05       22.3       37.03         32.50       1526       7.02       5.59       0.08       22.3       37.03         34.50       1528       7.00       5.75       0.	30.51	1059	7.00	5.50	1.01	22.3	36.47	High		
32.51       1104       7.01       5.56       1.17       22.3       36.89         33.51       1106       7.02       5.58       1.21       22.3       37.03         34.51       1108       7.03       5.60       1.23       22.3       37.03         25.50       1510       7.07       4.62       1.94       22.1       30.29         26.50       1512       7.00       4.71       0.51       22.3       37.17         26.50       1514       6.93       4.90       0.15       22.3       30.92         27.50       1516       6.91       5.11       0.12       22.3       33.73         29.50       1516       6.91       5.11       0.12       22.3       35.97         30.50       1526       5.43       0.05       22.3       36.54         31.50       1524       5.51       0.01       22.3       36.54         31.50       1524       7.00       5.58       0.03       22.3       37.03         33.50       1528       7.02       5.59       0.08       22.3       37.10         34.50       1528       7.00       5.75       0.10       22.3       37	31.51	1102	7.01	5.53	1.14	22.3	36.68	High		
33.51       1106       7.02       5.58       1.21       22.3       37.03         34.51       1108       7.03       5.60       1.23       22.3       37.17         25.50       1510       7.07       4.62       1.94       22.1       30.29         26.50       1512       7.00       4.71       0.51       22.3       30.29         27.50       1514       6.93       4.90       0.15       22.3       30.92         28.50       1516       6.91       5.11       0.12       22.3       32.25         29.50       1518       6.92       5.43       0.05       22.3       35.97         30.50       1520       6.94       5.51       0.01       22.3       36.54         31.50       1524       7.00       5.55       0.03       22.3       36.82         32.50       1526       7.02       5.58       0.05       22.3       37.03         34.50       1528       7.00       5.75       0.10       22.3       38.22         34.50       1528       7.00       5.75       0.10       22.3       38.22	32.51	1104	7.01	5.56	1.17	22.3	36.89	High		
34.51       1108       7.03       5.60       1.23       22.3       37.17         25.50       1510       7.07       4.62       1.94       22.1       30.29         26.50       1512       7.00       4.71       0.51       22.3       30.29         27.50       1514       6.93       4.90       0.15       22.3       30.92         28.50       1516       6.91       5.11       0.12       22.3       33.73         29.50       1518       6.92       5.43       0.05       22.3       33.73         30.50       1520       6.94       5.51       0.01       22.3       36.54         31.50       1522       6.97       5.55       0.03       22.3       36.82         32.50       1524       7.00       5.58       0.05       22.3       37.03         33.50       1528       7.02       5.59       0.08       22.3       37.10         34.50       1528       7.00       5.75       0.10       22.3       38.22	33.51	1106	7.02	5.58	1.21	22.3	37.03	High		
25.50         1510         7.07         4.62         1.94         22.1         30.29           26.50         1512         7.00         4.71         0.51         22.3         30.92           27.50         1514         6.93         4.90         0.15         22.3         32.25           28.50         1516         6.91         5.11         0.12         22.3         33.73           29.50         1518         6.92         5.43         0.05         22.3         35.97           30.50         1520         6.94         5.51         0.01         22.3         35.97           31.50         1522         6.97         5.55         0.03         22.3         36.82           32.50         1524         7.00         5.58         0.05         22.3         37.03           33.50         1526         7.02         5.59         0.08         22.3         37.10           34.50         1528         7.00         5.75         0.10         22.3         38.22	34.51	1108	7.03	5.60	1.23	22.3	37.17	High		
26.50     1512     7.00     4.71     0.51     22.3     30.92       27.50     1514     6.93     4.90     0.15     22.3     32.25       28.50     1516     6.91     5.11     0.12     22.3     33.73       29.50     1518     6.92     5.43     0.05     22.3     35.97       30.50     1520     6.94     5.51     0.01     22.3     35.97       31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	25.50	1510	7.07	4.62	1.94	22.1	30.29	Low		
27.50     1514     6.93     4.90     0.15     22.3     32.25       28.50     1516     6.91     5.11     0.12     22.3     33.73       29.50     1518     6.92     5.43     0.05     22.3     35.97       30.50     1520     6.94     5.51     0.01     22.3     36.54       31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	26.50	1512	7.00	4.71	0.51	22.3	30.92	Low		
28.50     1516     6.91     5.11     0.12     22.3     33.73       29.50     1518     6.92     5.43     0.05     22.3     35.97       30.50     1520     6.94     5.51     0.01     22.3     36.54       31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	27.50	1514	6.93	4.90	0.15	22.3	32.25	Low		
29.50     1518     6.92     5.43     0.05     22.3     35.97       30.50     1520     6.94     5.51     0.01     22.3     36.34       31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	28.50	1516	6.91	5.11	0.12	22.3	33.73	Low		
30.50     1520     6.94     5.51     0.01     22.3     36.54       31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	29.50	1518	6.92	5.43	0.05	22.3	35.97	Low		
31.50     1522     6.97     5.55     0.03     22.3     36.82       32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	30.50	1520	6.94	5.51	0.01	22.3	36.54	Low		
32.50     1524     7.00     5.58     0.05     22.3     37.03       33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	31.50	1522	6.97	5.55	0.03	22.3	36.82	Low		
33.50     1526     7.02     5.59     0.08     22.3     37.10       34.50     1528     7.00     5.75     0.10     22.3     38.22	32.50	1524	7.00	5.58	0.05	22.3	37.03	Low		
34.50         1528         7.00         5.75         0.10         22.3         38.22	33.50	1526	7.02	5.59	0.08	22.3	37.10	Low		
Notes:	34.50	1528	7.00	5.75	0.10	22.3	38.22	Low		
	Notes:									

70.00 00.09 50.00 40.00 TDS (10 g/L) 30.00 → TDS @ High Tide (10 g/L)
— TDS @ Low Tide (10 g/L) 20.00 40.00 Depth (Feet below TOC) 15.00 20.00 35.00

MBW5 TDS vs. Depth

				Monitori	Monitoring Well Stratification Log	atification	Log		
		Sampler	Sampler KE & JL			Well #	MBE6		
		Date	Date 10/12/2004			High Tide DTW (ft)	rw (ft)	15.67 Low Tide DTW (ft)	15.80
	Projec	st Number	Project Number 01203520.00			DTB (ft)	25.00		
		Client	Client City of San Di	Diego		Screen Length (ft)	Ith (ft)	20.00	
		Location MBLF	MBLF			H20 Quality	Meter make/	H2O Quality Meter make/ model: Horiba U22XD	
	i	7				C C H	Ë		
(feet)	all I		(S/m)	.0.C/	l emperature	(I/O)	apil	Notes	so l
16.17	1215	6.79	1.80	1.84	24.1	10.48	High		
17.17	1217	08.9	2.08	0.93	24.0	12.45	High		
18.17	1219	6.97	2.80	0.25	23.7	17.50	High		
19.17	1221	7.16	3.27	0.05	23.4	20.81	High		
20.17	1223	7.21	3.88	0.00	23.0	25.09	High		
21.17	1225	7.34	3.99	0.00	22.8	25.86	High		
22.17	1227	7.42	4.07	0.00	22.6	26.42	High		
23.17	1229	7.47	4.22	0.00	22.5	27.48	High		
24.17	1231	7.45	4.46	0.00	22.4	29.16	High		
16.30	1623	6.73	1.83	2.33	23.8	10.69	Low		
17.30	1627	6.61	2.09	0.79	24.0	12.52	Low		
18.30	1629	6.77	2.80	0.19	23.7	17.50	Low		
19.30	1631	6.92	3.19	0.00	23.4	20.24	Low		
20.30	1633	7.08	3.73	0.00	23.1	24.04	Low		
21.30	1635	7.19	3.97	0.00	22.8	25.72	Low		
22.30	1637	7.22	3.98	0.00	22.8	25.79	Low		
23.30	1639	7.29	4.04	0.00	22.7	26.21	Low		
24.30	1642	7.33	4.18	0.00	22.5	27.20	Low		
Notes:			200						

70.00 00.09 50.00 TDS (10 g/L) 40.00 30.00 20.00 40.00 15.00 20.00 Depth (Feet below TOC) 35.00

MBE6 TDS vs. Depth

		Sampler	Sampler KE & JL			Well #	MBW7		
		Date	Date 10/12/2004			High Tide DTW (ft)	rw (ft)	5.93 Low Tide DTW (ft)	5.92
	Projec	ot Number	Project Number 01203520.00			DTB (ft)	18.72		
		Client	Client City of San Diego	oße		Screen Length (ft)	Ith (ft)	15.00	
		Location MBLF	MBLF			H2O Quality	Meter make/	H2O Quality Meter make/ model: Horiba U22XD	
Depth below T.O.C.	Time	H	Conductivity	D:0	Temperature	T.D.S.	Tide	N	Notes
(feet)			(S/m)	(mg/L)	(oc)	(a/L)			
6.43	1253	7.26	1.65	4.27	25.3	9.43	High		
7.43	1255	6.99	1.73	0.97	26.2	66.6	High		
8.43	1257	6.97	1.92	0.31	26.2	11.32	High		
9.43	1259	7	2.06	0.05	26	12.31	High		
10.43	1301	7.1	2.34	0.05	25.8	14.27	High		
11.43	1303	7.14	2.53	0	25.7	15.61	High		
12.43	1305	7.16	2.57	0	25.5	15.89	High	2.1 2.2 2.2	14
13.43	1307	7.16	2.59	0	25.3	16.03	High		
14.43	1309	7.15	2.61	0	25.1	16.17	High		
15.43	1311	7.13	2.62	0	25	16.24	High		
16.43	1313	7.13	2.63	0	24.8	16.31	High		
17.43	1315	7.14	2.64	0	24.5	16.38	High		
18.43	1317	7.14	2.64	0	24.3	16.38	High		
6.42	1656	7.31	1.72	3.22	25.4	9.92	Low		
7.42	1658	6.97	1.79	0.57	26.1	10.41	Low		
8.42	1700	96.9	1.89	0.32	26.1	11.11	Low		
9.42	1703	7	1.93	60.0	26	11.39	Low		
10.42	1705	7.01	2.1	0.01	25.8	12.59	Low		
11.42	1708	7.09	2.33	0	25.7	14.20	Low		
12.42	1710	7.12	2.62	0	25.3	16.24	Low		
13.42	1712	7.12	2.64	0	25.3	16.38	Low		
14.42	1715	7.13	2.64	0	25.2	16.38	Low		
15.42	1717	7.13	2.64	0	25	16.38	Low		
16.42	1719	7.14	2.66	0	24.8	16.52	Low		
17.42	1722	7.15	2.66	0	24.6	16.52	Low		
Notes:								25	

——TDS @ High Tide (10 g/L)
——TDS @ Low Tide (10 g/L) 65.00 55.00 45.00 TDS (10 g/L) 35.00 25.00 15.00 5.00 40.00 2.00 10.00 15.00 25.00 20.00 30.00 35.00 Depth (Feet below TOC)

MBW7 TDS vs. Depth

Project Number   Clear   Cle					Monitori	Monitoring Well Stratification Log	atification	Log		
Project Number of Joseph Conference   High Tide DTW (ft)   20.14   Low Tide DTW (ft)   20.14   Low Tide DTW (ft)   20.23   Client City of San Diego   Screen Length (ft)   10.00   Screen Length (ft)   10.00   Screen Length (ft)   10.00   Client City of San Diego   Screen Length (ft)   10.00   Client City of San Diego   Screen Length (ft)   10.00   Client City of San Diego   Client City of San Di			Sampler				Well #	MW10		
Client Olivo San Diego   Screen Length (ft)   10.00			Date	10/12/2004			High Tide D	TW (ft)		
Client City of San Diego   Screen Length (ft)   10.00		Projec	t Number	01203520.00			DTB (ft)	30.23	1	M M
Coation MBLF   H2D Quality Meter make/ model: Horiba U22XD   H2D Quality Meter make/ model: Horiba U22XD   H2D Conductivity   D.O. Temperature   T.D.S. Tide   T.D.S. Tide   High   H2D Conductivity   H2D Co. Temperature   T.D.S. Tide   High   H2D Co. T. Tide   H2D Co. Tide   H2D Co. T. Tide   H2D Co. T. Tide   H2D Co. T. Tide   H2D Co. T. Tide   H2D Co. Tide   H2D C			Client	City of San Die	obe		Screen Leng	yth (ft)	10.00	
Glow T.O.C.         Time         pH         Conductivity         D.O.         Temperature         T.D.S.         Tide           20.64         1012         7.15         6.27         2.43         21.1         41.87         High           20.64         1012         7.15         6.27         2.43         21.1         41.87         High           22.64         1015         7.06         6.24         1.51         21.1         41.66         High           23.64         1019         7.00         6.25         0.96         21.0         41.73         High           23.64         1021         6.96         6.24         0.46         21.0         41.73         High           24.64         1021         6.96         6.24         0.46         21.0         41.73         High           25.64         1027         6.96         6.23         0.46         21.0         41.59         High           27.64         1027         6.93         6.23         0.64         21.0         41.59         High           27.64         1027         6.93         6.23         0.64         21.0         41.59         High           27.64         1027			Location	MBLF			H20 Quality	Meter make/	model: Horiba U22XD	
Closed T.O.C.         Time         pH         Conductivity         D.O.         Temperature T.D.S.         Tide           20.64         1012         7.15         (3/m)         (mg/L)         (°C)         (g/L)           20.64         1012         7.16         6.27         2.43         21.1         41.87         High           21.64         1012         7.06         6.24         1.51         21.1         41.87         High           22.64         1017         7.01         6.25         0.96         21.0         41.73         High         6.23           23.64         1021         6.96         6.24         0.46         21.0         41.73         High         7.64           26.64         1023         6.95         6.23         0.64         21.0         41.59         High         7.66         14.73         High         7.66         14.73         High         7.66         14.83         High         7.66         14.73         High         7.66         14.73         High         7.66         1.66         21.0         41.59         High         7.66         1.66         11.20         41.59         High         7.66         1.67         1.66         1.62										
(feet)         (S/m)         (mg/L)         (°C)         (g/L)           20.64         1012         7.15         6.27         2.43         21.1         41.87           21.64         1015         7.06         6.24         1.51         21.1         41.87           22.64         1017         7.01         6.25         1.34         21.0         41.73           23.64         1019         7.00         6.25         0.96         21.0         41.73           24.64         1021         6.96         6.24         0.46         21.0         41.73           25.64         1023         6.94         6.24         0.48         21.0         41.59           25.64         1023         6.95         6.23         0.56         21.0         41.59           26.64         1023         6.95         6.23         0.56         21.0         41.59           27.64         1027         6.93         6.23         0.56         21.0         41.59           28.64         1023         6.93         6.23         0.59         21.0         41.39           29.62         1443         7.21         6.30         0.91         21.1         41.39	Depth below T.O.C.		Hd	Conductivity	D.O.	Temperature		Tide		Notes
20.64         1012         7.15         6.27         2.43         21.1         41.87           21.64         1015         7.06         6.24         1.51         21.1         41.87           22.64         1015         7.06         6.25         1.34         21.0         41.73           23.64         1019         7.00         6.25         0.96         21.0         41.73           24.64         1021         6.96         6.24         0.46         21.0         41.73           25.64         1023         6.94         6.23         0.64         21.0         41.66           25.64         1025         6.95         6.23         0.64         21.0         41.59           26.64         1025         6.95         6.23         0.64         21.0         41.59           27.64         1025         6.93         6.23         0.64         21.0         41.59           28.64         1029         6.23         0.64         21.0         41.59           29.64         1031         6.92         6.23         0.63         21.0         41.38           21.62         1443         7.21         6.31         0.91         21.1	(feet)				(mg/L)	(၁့)	(a/L)			
21.64         1015         7.06         6.24         1.51         21.1         41.66           22.64         1017         7.01         6.25         1.34         21.0         41.73           23.64         1019         7.00         6.25         0.96         21.0         41.73           24,64         1019         7.00         6.25         0.96         21.0         41.73           24,64         1021         6.96         6.24         0.48         21.0         41.73           25,64         1023         6.95         6.23         0.56         21.0         41.66           26,64         1025         6.95         6.23         0.56         21.0         41.59           28,64         1027         6.93         6.23         0.59         21.0         41.59           28,64         1029         6.92         6.20         0.53         20.8         41.38           29,64         1031         6.92         6.20         0.53         20.8         41.39           21,62         1445         7.04         6.30         0.91         21.1         41.73           25,62         1445         6.94         6.23         0.03	20.64	1012	7.15	6.27	2.43	21.1	41.87	High		
22,64         1017         7.01         6.25         1.34         21.0         41.73           23,64         1019         7.00         6.25         0.96         21.0         41.73           24,64         1021         6.96         6.24         0.46         21.0         41.73           24,64         1021         6.96         6.24         0.46         21.0         41.66           25,64         1023         6.95         6.23         0.56         21.0         41.66           26,64         1025         6.95         6.23         0.56         21.0         41.59           27,64         1029         6.93         6.23         0.64         21.0         41.59           28,64         1029         6.93         6.22         0.59         21.0         41.59           28,64         1031         6.92         6.20         0.53         20.8         41.38           20,62         1443         7.21         6.30         0.91         21.1         42.08           21,62         1445         6.94         6.23         0.13         21.0         41.59           25,62         1453         6.94         6.23         0.01	21.64	1015	7.06	6.24	1.51	21.1	41.66	High		
23.64         1019         7.00         6.25         0.96         21.0         41.73           24.64         1021         6.96         6.24         0.46         21.0         41.66           25.64         1023         6.94         6.24         0.48         21.0         41.66           26.64         1025         6.95         6.23         0.56         21.0         41.66           26.64         1025         6.93         6.23         0.56         21.0         41.59           28.64         1029         6.93         6.23         0.64         21.0         41.59           28.64         1029         6.93         6.22         0.59         21.0         41.59           29.64         1031         6.92         6.20         0.53         20.8         41.38           20.62         1443         7.21         6.31         3.64         21.1         42.08           21.62         1445         7.04         6.30         0.91         21.1         42.08           22.62         1445         6.94         6.23         0.01         21.0         41.59           23.62         1453         6.23         0.01         21.0	22.64	1017	7.01	6.25	1.34	21.0	41.73	High		
24,64         1021         6.96         6.24         0.46         21.0         41.66           25,64         1023         6.94         6.24         0.48         21.0         41.66           26,64         1025         6.95         6.23         0.56         21.0         41.66           26,64         1025         6.93         6.23         0.64         21.0         41.59           27,64         1029         6.93         6.22         0.59         21.0         41.59           28,64         1029         6.93         6.22         0.59         21.0         41.59           29,64         1031         6.92         6.20         0.53         20.8         41.38           20,62         1443         7.21         6.31         3.64         21.1         42.08           21.62         1445         7.04         6.30         0.91         21.1         42.08           23,62         1445         6.94         6.23         0.01         21.0         41.59           24,62         1451         6.94         6.23         0.01         21.0         41.45           25,62         1455         6.23         0.00         21.0	23.64	1019	7.00	6.25	96.0	21.0	41.73	High		
25.64         1023         6.94         6.24         0.48         21.0         41.66           26.64         1025         6.95         6.23         0.56         21.0         41.59           27.64         1027         6.93         6.23         0.56         21.0         41.59           28.64         1027         6.93         6.23         0.64         21.0         41.59           28.64         1029         6.93         6.22         0.59         21.0         41.59           29.64         1031         6.92         6.20         0.53         20.8         41.38           20.62         1443         7.21         6.30         0.91         21.1         42.08           21.62         1445         6.99         6.25         0.33         21.1         42.08           22.62         1451         6.94         6.23         0.01         21.0         41.59           25.62         1457         6.94         6.23         0.00         21.0         41.45           26.62         1459         6.95         6.23         0.00         21.0         41.45           28.62         1459         6.94         6.21         0.00	24.64	1021	96.9	6.24	0.46	21.0	41.66	High		
26.64         1025         6.95         6.23         0.56         21.0         41.59           27.64         1027         6.93         6.23         0.64         21.0         41.59           28.64         1029         6.93         6.22         0.59         21.0         41.52           29.64         1029         6.93         6.20         0.53         20.8         41.38           29.64         1031         6.92         6.20         0.53         20.8         41.38           20.62         1443         7.21         6.31         3.64         21.1         42.16           21.62         1445         7.04         6.30         0.91         21.1         42.08           22.62         1447         6.99         6.25         0.33         21.1         41.59           24.62         1451         6.94         6.23         0.01         21.0         41.59           25.62         1457         6.94         6.23         0.00         21.0         41.45           26.62         1457         6.94         6.23         0.00         21.0         41.45           28.62         1459         6.94         6.21         0.00	25.64	1023	6.94	6.24	0.48	21.0	41.66	High		
27.64     1027     6.93     6.23     0.64     21.0     41.59       28.64     1029     6.93     6.22     0.59     21.0     41.52       29.64     1031     6.92     6.20     0.53     20.8     41.52       20.62     1443     7.21     6.31     3.64     21.1     42.16       21.62     1445     7.04     6.30     0.91     21.1     42.08       22.62     1445     6.99     6.25     0.33     21.1     41.73       23.62     1451     6.94     6.23     0.01     21.0     41.59       25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.94     6.23     0.00     21.0     41.59       26.62     1457     6.94     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.23     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	26.64	1025	6.95	6.23	0.56	21.0	41.59	High		
28.64         1029         6.93         6.22         0.59         21.0         41.52           29.64         1031         6.92         6.20         0.53         20.8         41.38           20.62         1443         7.21         6.31         3.64         21.1         42.16           21.62         1445         7.04         6.30         0.91         21.1         42.08           22.62         1447         6.99         6.25         0.33         21.1         41.73           23.62         1449         6.95         6.23         0.01         21.0         41.59           24.62         1451         6.94         6.23         0.01         21.0         41.59           25.62         1453         6.94         6.23         0.00         21.0         41.59           26.62         1457         6.94         6.23         0.00         21.0         41.59           27.62         1459         6.94         6.23         0.00         21.0         41.59           28.62         1459         6.94         6.23         0.00         21.0         41.45           28.62         1501         6.93         6.20         0.00	27.64	1027	6.93	6.23	0.64	21.0	41.59	High		
29.64     1031     6.92     6.20     0.53     20.8     41.38       20.62     1443     7.21     6.31     3.64     21.1     42.16       21.62     1445     7.04     6.30     0.91     21.1     42.16       21.62     1445     6.99     6.25     0.33     21.1     41.73       23.62     1449     6.95     6.23     0.01     21.0     41.59       24.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.94     6.23     0.00     21.0     41.59       27.62     1455     6.94     6.23     0.00     21.0     41.59       28.62     1459     6.94     6.21     0.00     21.0     41.45       28.62     1501     6.93     6.20     0.00     20.9     41.31       29.62     1501     6.93     6.19     0.00     20.9     41.31	28.64	1029	6.93	6.22	0.59	21.0	41.52	High		
20.62     1443     7.21     6.31     3.64     21.1     42.16       21.62     1445     7.04     6.30     0.91     21.1     42.08       22.62     1447     6.99     6.25     0.33     21.1     41.73       23.62     1449     6.95     6.23     0.13     21.0     41.59       24.62     1451     6.94     6.23     0.00     21.0     41.59       25.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.59       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	29.64	1031	6.92	6.20	0.53	20.8	41.38	High		
21.62     1445     7.04     6.30     0.91     21.1     42.08       22.62     1447     6.99     6.25     0.33     21.1     41.73       23.62     1449     6.95     6.23     0.13     21.0     41.59       24.62     1451     6.94     6.23     0.01     21.0     41.59       25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1457     6.94     6.21     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	20.62	1443	7.21	6.31	3.64	21.1	42.16	Low		
22.62     1447     6.99     6.25     0.33     21.1     41.73       23.62     1449     6.95     6.23     0.13     21.0     41.59       24.62     1451     6.94     6.23     0.01     21.0     41.59       25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	21.62	1445	7.04	6.30	0.91	21.1	42.08	Low		
23.62     1449     6.95     6.23     0.13     21.0     41.59       24.62     1451     6.94     6.23     0.01     21.0     41.59       25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1501     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	22.62	1447	66.9	6.25	0.33	21.1	41.73	Low		
24.62     1451     6.94     6.23     0.01     21.0     41.59       25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	23.62	1449	6.95	6.23	0.13	21.0	41.59	Low		
25.62     1453     6.94     6.23     0.00     21.0     41.59       26.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.59       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	24.62	1451	6.94	6.23	0.01	21.0	41.59	Low		
26.62     1455     6.95     6.23     0.00     21.0     41.59       27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	25.62	1453	6.94	6.23	0.00	21.0	41.59	Low		
27.62     1457     6.94     6.21     0.00     21.0     41.45       28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	26.62	1455	6.95	6.23	0.00	21.0	41.59	Low		
28.62     1459     6.93     6.20     0.00     20.9     41.38       29.62     1501     6.93     6.19     0.00     20.9     41.31	27.62	1457	6.94	6.21	0.00	21.0	41.45	Low		
29.62   1501   6.93   6.19   0.00   20.9   41.31	28.62	1459	6.93	6.20	0.00	20.9	41.38	Low		
Notes:	29.62	1501	6.93	61.9	0.00	20.9	41.31	Low		
	Notes:									
						7				

70.00 — TDS @ High Tide (10 g/L) — TDS @ Low Tide (10 g/L) 00.09 50.00 40.00 TDS (10 g/L) 30.00 20.00 40.00 25.00 15.00 20.00 30.00 35.00 Depth (Feet belwo TOC)

MW10 TDS vs. Depth